

Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Revised February 15, 2012							
		1. WELL API NO. 30-025-40893							
		2. Well Name: EMERALD FEDERAL #007							
		3. Well Number: 007							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:A Lot:A Section:17 Township:17S Range:32E Feet from:990 N/S Line:N Feet from:330 E/W Line:E							
		5. Bottom Hole Location: Unit:A Lot:A Section:17 Township:17S Range:32E Feet from:990 N/S Line:N Feet from:330 E/W Line:E							
		6. latitude: 32.8391537723138 longitude: - 103.781180667588							
		7. County: Lea							
8. Operator Name and Address: CONOCOPHILLIPS COMPANY 3401 E. 30th Street Farmington 87402				9. OGRID: 217817		10. Phone Number: 505-326-9518			
11. Last Fracture Date: 2/14/2013 Frac Performed by: Trican				12. Production Type: O					
13. Pool Code(s): 44500				14. Gross Fractured Interval: 5,550 ft to 6,650 ft					
15. True Vertical Depth (TVD): 7,062 ft				16. Total Volume of Fluid Pumped: 12,429 bbls					
17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:									
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)			
Water	Customer	Water	Water	7732-18-5	1%	0.8399979%			
Frac Sand - regular	Trican	Proppant	Crystalline silica	14808-60-7	1%	0.107349%			
Frac Sand Resin Coated	Trican	Proppant	Crystalline silica	14808-60-7	1%	0.0209572%			
S-15	Trican	Surfactant	Hexamethylenetetramine	100-97-0	0.01%	0.0002096%			
			Alcohol alkoxylate	Trade Secret	0.2%	0.0001434%			
LCLM-30	Trican	Crosslinker	Methanol	67-56-1	0.2%	0.0001434%			
			Ethylene glycol	107-21-1	0.25%	0.0003279%			
pH-11	Trican	pH Buffer	Potassium Metaborate	16481-66-6	0%	0%			
			Potassium Hydroxide	1310-58-3	0.25%	0.0003279%			
ActIvator	Trican	Resin Activator	potassium hydroxide	1310-58-3	0.23%	0.000125%			
			Alcohols, C12-14-secondary, ethoxylated	84133-50-6	0.7%	0.0002145%			
WBO-1	Trican	Breaker	Methanol	67-56-1	0.5%	0.0001532%			
			Polyethylene glycol	25322-68-3	0.05%	1.53E-05%			
Encap LP	Trican	Breaker	Ammonium persulfate	7727-54-0	1%	4.96E-05%			
			ammonium persulfate	7727-54-0	0.75%	6.6E-05%			
			crystalline silica	14808-60-7	0.1%	8.8E-06%			
			cured acrylic resin	Trade Secret	0.16%	1.41E-05%			
Green Flush	Trican	Flush	Talc	14807-96-6	0.02%	1.8E-06%			
			Hydrotreated Petroleum Distillate	64742-47-8	0.99%	0.0001657%			
BXL-A	Trican	Breaker Activator	Alcohol Ethoxylate Surfactants	Trade Secret	0.1%	1.67E-05%			
			Triethanolamine	102-71-6	0.7%	0.0001308%			
HCl 15%	Trican	Acid	Diethanolamine	111-42-2	0%	0%			
			Hydrochloric acid	7647-01-0	0.15%	0.0037423%			
FEAC-20	Trican	Iron Control	Acetic acid	64-19-7	0.45%	4.44E-05%			
			Citric acid	77-92-9	0.3%	2.96E-05%			
LAI-20	Trican	Acid Inhibitor	Methanol	67-56-1	0.4%	4.54E-05%			
			Propargyl Alcohol	107-19-7	8%	0.00091%			
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.0034%			
			alcohol ethoxylate surfactants	Trade Secret	30%	0.0034%			
			n-olefins	Trade Secret	10%	0.00113%			
			Amine Phosphonate 1	Proprietary	60%	0.03829%			
Gyptron T-249	Third Party	Scale Inhibitor	Hydrochloric Acid	7647-01-0	10%	0.00638%			
			Phosphoric Acid	7664-38-2	1%	0.00064%			
Bactron K-31	Third Party	Biocide	Glutararaldehyde	111-30-8	25%	0.01238%			
			Non-MSDS Components		0%	0%			
			polysaccharide	9000-30-0	0%	0%			
			non-crystalline silica	112926-00-8	0%	0%			
			Ethoxylate	Trade Secret	0%	0%			
					0%	0%			
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			18. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief.						
			Signature: Signed Electronically		Printed Name: Ashley Martin		Title: Staff Regulatory Technician		
Date: 3/8/2013									
E-mail Address: Ashley.Martin@conocophillips.com									

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.